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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
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10/633,693	08/05/2003	Hiroyuki Hasebe	Q76774 7610		
7590 09/21/2004		EXAMINER			
SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, NW Washington, DC 20037-3213			A, MI	A, MINH D	
			ART UNIT	PAPER NUMBER	
			2821		
			DATE MAILED: 09/21/2004	4 .	

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)				
Office Action Commons	10/633,693	HASEBE ET AL.				
Office Action Summary	Examiner	Art Unit				
	Minh D A	2821				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
1) Responsive to communication(s) filed on 15 Au	<u>igust 2003</u> .					
	This action is FINAL . 2b)⊠ This action is non-final.					
,—	3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	3 O.G. 213.				
Disposition of Claims						
4) Claim(s) 1-3 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-3 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.						
Application Papers						
9) The specification is objected to by the Examiner						
10) The drawing(s) filed on is/are: a) acce	•					
Applicant may not request that any objection to the o	• • • • • • • • • • • • • • • • • • • •	` ,				
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.						
Attachment(s)						
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>8/5/03</u>. 	4) Interview Summary (Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:					

Application/Control Number: 10/633,693

Art Unit: 2821

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-12 are rejected under 35 U.S.C. 102(b) as being unpatentable by Urakabe et al (US 6,476,568).

Regarding claim 1, Urakabe discloses a discharge lamp lighting device comprising a DC/DC converter (2) for boosting electric power given from DC source (1); an inverter (5') for inverting polarity to generate an Ac wave; and an igniter (8) for supplying a high voltage to a discharge lamp (12) at the time of switching on said discharge lamp, wherein said discharge lamp is supplied with electric power of a negative voltage boosted by said DC/DC converter and electric power of a positive voltage given from said DC Source. See figures 116, col.5, lines 4-67 to col.col.26, lines 1-52.

Regarding claim 2, Urakabe discloses a discharge lamp comprising a voltage drop circuit ((6) through which electric power of a positive voltage is given from said DC source (1). See figure 1.

Regarding claim 3, Urakabe discloses said voltage drop circuit (6) includes an inverter (5'). See figure 1.

Application/Control Number: 10/633,693 Page 3

Art Unit: 2821

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Okura (US 6,452,345) and Yamaguchi et al. (US

2003/0006706A1) are cited to show a lighting control system for a gas discharge lamp.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Examiner Minh A whose telephone number is (571) 272-

1817. The examiner can normally be reached on M-F (5:30 –2:30 PM).

If attempts to reach the examiner by telephone is unsuccessful, the examiner's

supervisor, Don Wong, can be reached on (571) 272-1834. The fax phone numbers for

the organization where this application or proceeding is assigned are 703-872-9306 for

regular communications and (703) 872-9319 for final communications.

Any inquiry of a general nature or relating to the status of this application should

be directed to the Technology Center receptionist whose telephone number is (571)

272-1553.

Don Wong

Supervisory Pateny Examiner
Technology Center 2800

Examiner

Minh A

Art unit 2821

9/7/04

Application/Control Number: 10/633,693

Page 4

Art Unit: 2821